Friend Peter,

I have found considerable difficulty in keeping the platinum points from oxidizing and I cannot understand why as the spark from the Eagle's battery does not intense. It must be in the inferior quality of the platinum and in one instance I found American Silver for the points.

Now how would it do to have one point of platinum and small strip of gold won't that do? I find that harder steel point on platinum is good and keep clean. Something must be done in that direction. It is one of the vital points I am afraid to put in a sketch or diagram to arrest the spark as the cartridge may stick. It got to be a clean affair and that affair I know it when we are off to have trouble especially it is not a sliding connection. I am speaking now on Kelly points and I believe it where the trouble is in the
At N. West - I was for 20 days or more trying to find out while at Nacatam and I could not if I had not done it in the dark. This was one of the worst jobs in the Signal business. Don't feel afraid of it and it may not happen again.

Let us hear from you if you have anything to offer. Hope this will find you improving. I wrote you twice before. The boys are all asking for you. Regards to all,

Mrs. Judy
S. E. Kendusker

P.S. In the clock work arrangement for new signal please consider the U-shaped on back as in old signal that is to hold the signal box until train is through. Also change the brake wheel on shaft for repeating signal and the Circuit to drawbridge and Signal arrangement. The Circuit is shown by the draftsman as I intended. The repeating signal I think is not shown.
1 outside Box 3 to 4 ft Square
2 Dry Sand
3 Inside Box 2 to 3 ft Square
4 Saw dust from Cedar or Yellow pine (dry)
5 The Cups the saw dust packed tight around cups on top of cups News paper or paper of kind so as to keep out the air
6 The top cover to all filled with Saw dust

Frank: at Hamilton and Qualicum I have the above for the track butting two cups each set up in quantity form. What test I have half it to 55mm to be all ok. Phso - 10° above
7 Junction at Eydenhaan

Mains Battery

Bell

Track Relay

Signal

Track Relay

Signal

Bell

Main Battery

Main Battery

You will see I have taken in all the rail I could for the ground as the nature of the Earth is dry. I put by this as a Metallic Circuit.

L L L L - 4 short rail - 4 short lay
K K K K K - 4. 30 or 60 ft rails
A Track Relay
B Signal Relay for Bell
C D Bell
E Track Battery
F Mains Battery

and two caps around for bell when main circuit is open.